

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 18, 2004, 08:41:44 ; Search time 159.667 Seconds

(without alignments)
812.711 Million cell updates/sec

Title: US-09-310-844C-24

Perfect score: 29

Sequence: 1 uagauccuuuuuagagccuagggcu 29

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 2890132 seqs, 2237290429 residues

Total number of hits satisfying chosen parameters: 1657368

Minimum DB seq length: 0

Maximum DB seq length: 80

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1000 summaries

Database :

Published Applications NA:

- 1: /cgn2_6/prodata1/pubpna/US07_PUBCOMB.seq*
- 2: /cgn2_6/prodata1/pubpna/PCT_NEW_PUB.seq*
- 3: /cgn2_6/prodata1/pubpna/US06_PUBCOMB.seq*
- 4: /cgn2_6/prodata1/pubpna/US06_PUBCOMB.seq*
- 5: /cgn2_6/prodata1/pubpna/US07_NEW_PUB.seq*
- 6: /cgn2_6/prodata1/pubpna/PCTUS_PUBCOMB.seq*
- 7: /cgn2_6/prodata1/pubpna/US08_NEW_PUB.seq*
- 8: /cgn2_6/prodata1/pubpna/US08_PUBCOMB.seq*
- 9: /cgn2_6/prodata1/pubpna/US09A_PUBCOMB.seq*
- 10: /cgn2_6/prodata1/pubpna/US09B_PUBCOMB.seq*
- 11: /cgn2_6/prodata1/pubpna/US09C_PUBCOMB.seq*
- 12: /cgn2_6/prodata1/pubpna/US09_NEW_PUB.seq*
- 13: /cgn2_6/prodata1/pubpna/US10A_PUBCOMB.seq*
- 14: /cgn2_6/prodata1/pubpna/US10B_PUBCOMB.seq*
- 15: /cgn2_6/prodata1/pubpna/US10C_PUBCOMB.seq*
- 16: /cgn2_6/prodata1/pubpna/US10_NEW_PUB.seq*
- 17: /cgn2_6/prodata1/pubpna/US60_NEW_PUB.seq*
- 18: /cgn2_6/prodata1/pubpna/US60_PUBCOMB.seq*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	16	55.2	41	14	US-10-005-956-275
2	15.6	53.8	38	14	US-10-122-706-20
3	15.6	53.8	38	14	US-10-122-706-19
4	15.4	53.1	53	9	US-09-983-965-4754
5	15	51.7	25	14	US-10-098-263B-37315
6	14.8	51.0	43	14	US-10-032-585-694
7	14.6	51.0	50	15	US-10-131-827-2022
8	14.6	50.3	65	14	US-10-032-585-2227
9	14.4	49.7	41	14	US-10-005-956-212
10	14.2	49.0	25	9	US-09-827-998-1098
11	14.2	49.0	25	9	US-09-827-998-1099
12	14.2	49.0	25	9	US-09-827-998-1100
13	14.2	49.0	25	9	US-09-827-998-1101
14	14.2	49.0	25	9	US-09-827-998-1102
15	14.2	49.0	25	9	US-09-827-998-1103
Sequence 275, App					
Sequence 20, App					
Sequence 19, App					
Sequence 4754, App					
Sequence 37315, A					
Sequence 694, App					
Sequence 2022, App					
Sequence 2227, App					
Sequence 212, App					
Sequence 1098, App					
Sequence 1099, App					
Sequence 1100, App					
Sequence 1101, App					
Sequence 1102, App					
Sequence 1103, App					

25	49.0	14.2	49.0	9	US-09-827-998-1104	Sequence 1104, App
25	49.0	14.2	49.0	12	US-10-675-685-1098	Sequence 1098, App
25	49.0	14.2	49.0	12	US-10-675-685-1099	Sequence 1099, App
25	49.0	14.2	49.0	12	US-10-675-685-1100	Sequence 1100, App
25	49.0	14.2	49.0	12	US-10-675-685-1101	Sequence 1101, App
25	49.0	14.2	49.0	12	US-10-675-685-1102	Sequence 1102, App
25	49.0	14.2	49.0	12	US-10-675-685-1103	Sequence 1103, App
25	49.0	14.2	49.0	12	US-10-675-685-1104	Sequence 1104, App
25	49.0	14.2	49.0	12	US-10-339-674-788	Sequence 788, App
50	49.0	14.2	49.0	15	US-10-402-365-49	Sequence 49, App
51	49.0	14.2	49.0	12	US-10-339-674-784	Sequence 784, App
53	49.0	14.2	49.0	12	US-10-339-674-787	Sequence 787, App
55	49.0	14.2	49.0	12	US-10-339-674-783	Sequence 783, App
56	49.0	14.2	49.0	10	US-09-800-130A-8	Sequence 8, Appli
56	49.0	14.2	49.0	14	US-10-413-909-8	Sequence 13840, A
60	49.0	14.2	49.0	10	US-09-908-975-13840	Sequence 1059, App
47	48.3	14	48.3	15	US-10-170-097-1059	Sequence 1059, App
60	48.3	14	48.3	10	US-09-908-975-6479	Sequence 6479, App
33	48.3	14	48.3	10	US-09-908-975-12187	Sequence 12187, A
17	47.6	13.8	47.6	9	US-09-827-998-283	Sequence 283, App
17	47.6	13.8	47.6	12	US-10-675-685-283	Sequence 283, App
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25	47.6	13.8	47.6	14	US-10-098-263B-82359	Sequence 82359, A
30	47.6	13.8	47.6	9	US-09-465-802-6	Sequence 6, Appli
41	47.6	13.8	47.6	12	US-10-339-674-46	Sequence 46, Appli
41	47.6	13.8	47.6	12	US-10-339-674-47	Sequence 47, Appli
42	47.6	13.8	47.6	12	US-10-339-674-45	Sequence 45, Appli
47	47.6	13.8	47.6	15	US-10-349-143-6319	Sequence 6319, App
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60	47.6	13.8	47.6	10	US-09-908-975-22550	Sequence 22550, A
65	47.6	13.8	47.6	14	US-10-032-585-158	Sequence 158, App
31	46.9	13.6	46.9	9	US-09-817-360-11	Sequence 11, Appli
31	46.9	13.6	46.9	9	US-09-801-274-1228	Sequence 1228, App
31	46.9	13.6	46.9	9	US-09-745-008-7	Sequence 7, Appli
31	46.9	13.6	46.9	10	US-09-848-754A-7495	Sequence 7495, App
31	46.9	13.6	46.9	10	US-09-780-164-2256	Sequence 2256, App
31	46.9	13.6	46.9	10	US-09-740-332-6085	Sequence 6085, App
31	46.9	13.6	46.9	10	US-09-817-879-6085	Sequence 6085, App
47	46.9	13.6	46.9	15	US-10-349-143-2286	Sequence 2286, App
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50	46.9	13.6	46.9	15	US-10-131-827-7620	Sequence 7620, App
51	46.9	13.6	46.9	13	US-10-001-407-32	Sequence 32, App
55	46.9	13.6	46.9	8	US-08-781-986A-5024	Sequence 5024, App
55	46.9	13.6	46.9	12	US-10-329-624-5024	Sequence 5024, App
60	46.9	13.6	46.9	10	US-09-908-975-8435	Sequence 8435, App
60	46.9	13.6	46.9	10	US-09-908-975-18725	Sequence 18725, A
65	46.9	13.6	46.9	10	US-09-908-975-2136	Sequence 2136, App
65	46.9	13.6	46.9	10	US-09-908-975-3846	Sequence 3846, App
65	46.9	13.6	46.9	10	US-09-908-975-3924	Sequence 3924, App
65	46.9	13.6	46.9	10	US-09-908-975-30555	Sequence 30555, A
72	46.9	13.6	46.9	9	US-09-817-360-19	Sequence 19, Appli
73	46.9	13.6	46.9	15	US-10-406-903-125	Sequence 125, App
25	46.2	13.4	46.2	14	US-10-098-263B-37316	Sequence 37316, A
25	46.2	13.4	46.2	14	US-10-098-263B-51513	Sequence 51513, A
25	46.2	13.4	46.2	14	US-10-098-263B-106778	Sequence 106778, A
26	46.2	13.4	46.2	9	US-09-996-738-4	Sequence 4, Appli
26	46.2	13.4	46.2	10	US-09-876-235-37	Sequence 37, Appli
26	46.2	13.4	46.2	12	US-10-625-260-4	Sequence 4, Appli
26	46.2	13.4	46.2	13	US-10-061-658-4	Sequence 4, Appli
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35	46.2	13.4	46.2	15	US-10-027-632-175878	Sequence 175878, A
47	46.2	13.4	46.2	12	US-10-333-429-156	Sequence 156, App
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89	13.4	46.2	52	14	US-10-143-618-6	Sequence 6, Appli	Sequence 6, Appli	162	13.2	45.5	27	9	US-09-764-857-4	Sequence 4, Appli
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c 91	13.4	46.2	60	10	US-09-908-975-10589	Sequence 10589, A	Sequence 10589, A	164	13.2	45.5	27	9	US-09-984-245-4	Sequence 4, Appli
c 92	13.4	46.2	60	10	US-09-908-975-11812	Sequence 11812, A	Sequence 11812, A	165	13.2	45.5	27	9	US-09-764-868-4	Sequence 4, Appli
c 93	13.4	46.2	60	14	US-10-187-394-32	Sequence 32, Appl	Sequence 32, Appl	166	13.2	45.5	27	9	US-09-764-868-1256	Sequence 1256, Ap
c 94	13.4	46.2	65	10	US-09-908-975-24967	Sequence 24967, A	Sequence 24967, A	167	13.2	45.5	27	9	US-09-764-868-1361	Sequence 1261, Ap
c 95	13.4	46.2	65	14	US-10-032-585-2178	Sequence 2178, Ap	Sequence 2178, Ap	168	13.2	45.5	27	9	US-09-764-868-1362	Sequence 1262, Ap
96	13.2	45.5	20	14	US-10-008-789-78	Sequence 78, Appl	Sequence 78, Appl	169	13.2	45.5	27	9	US-09-764-868-1363	Sequence 1263, Ap
c 97	13.2	45.5	25	14	US-09-827-998-1097	Sequence 1097, Ap	Sequence 1097, Ap	170	13.2	45.5	27	9	US-09-764-868-1364	Sequence 1264, Ap
c 98	13.2	45.5	25	12	US-10-675-685-1097	Sequence 1097, Ap	Sequence 1097, Ap	171	13.2	45.5	27	9	US-09-764-868-1365	Sequence 1265, Ap
c 99	13.2	45.5	25	14	US-10-098-363B-76444	Sequence 76444, A	Sequence 76444, A	172	13.2	45.5	27	9	US-09-764-868-1366	Sequence 1266, Ap
c 100	13.2	45.5	25	14	US-10-098-363B-104430	Sequence 104430, A	Sequence 104430, A	173	13.2	45.5	27	9	US-09-764-868-1367	Sequence 1267, Ap
101	13.2	45.5	27	9	US-09-126-945B-7	Sequence 7, Appli	Sequence 7, Appli	174	13.2	45.5	27	9	US-09-764-868-1367	Sequence 1267, Ap
102	13.2	45.5	27	9	US-09-739-907-4	Sequence 4, Appli	Sequence 4, Appli	175	13.2	45.5	27	9	US-09-852-797-4	Sequence 4, Appli
103	13.2	45.5	27	9	US-09-728-835-4	Sequence 4, Appli	Sequence 4, Appli	176	13.2	45.5	27	9	US-09-764-904-4	Sequence 16, Appli
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105	13.2	45.5	27	9	US-09-731-816-16	Sequence 16, Appl	Sequence 16, Appl	178	13.2	45.5	27	10	US-09-320-713-22	Sequence 16, Appl
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116	13.2	45.5	27	9	US-09-925-302-890	Sequence 890, App	Sequence 890, App	189	13.2	45.5	27	10	US-09-376-430-7	Sequence 7, Appli
117	13.2	45.5	27	9	US-09-908-711-4	Sequence 4, Appli	Sequence 4, Appli	190	13.2	45.5	27	10	US-09-955-999-4	Sequence 4, Appli
118	13.2	45.5	27	9	US-09-778-879A-13	Sequence 13, Appl	Sequence 13, Appl	191	13.2	45.5	27	10	US-09-955-999-136	Sequence 136, App
119	13.2	45.5	27	9	US-09-778-879A-19	Sequence 19, Appl	Sequence 19, Appl	192	13.2	45.5	27	10	US-09-984-271-4	Sequence 4, Appli
120	13.2	45.5	27	9	US-09-925-301-1688	Sequence 1688, Ap	Sequence 1688, Ap	193	13.2	45.5	27	10	US-09-925-279-1550	Sequence 1550, Ap
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125	13.2	45.5	27	9	US-09-778-880A-13	Sequence 13, Appl	Sequence 13, Appl	198	13.2	45.5	27	10	US-09-776-724A-4	Sequence 4, Appli
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151	13.2	45.5	27	9	US-09-764-864-1588	Sequence 1588, Ap	Sequence 1588, Ap	224	13.2	45.5	27	11	US-09-938-671-4	Sequence 4, Appli
152	13.2	45.5	27	9	US-09-764-864-1589	Sequence 1589, Ap	Sequence 1589, Ap	225	13.2	45.5	27	11	US-09-989-687-87	Sequence 87, Appl
153	13.2	45.5	27	9	US-09-764-864-1590	Sequence 1590, Ap	Sequence 1590, Ap	226	13.2	45.5	27	11	US-09-989-687-93	Sequence 93, Appl
154	13.2	45.5	27	9	US-09-764-864-1591	Sequence 1591, Ap	Sequence 1591, Ap	227	13.2	45.5	27	11	US-09-984-429-4	Sequence 4, Appli
155	13.2	45.5	27	9	US-09-764-864-1592	Sequence 1592, Ap	Sequence 1592, Ap	228	13.2	45.5	27	11	US-09-984-429-4	Sequence 4, Appli
156	13.2	45.5	27	9	US-09-764-847-4	Sequence 4, Appli	Sequence 4, Appli	229	13.2	45.5	27	12	US-10-633-680-4	Sequence 4, Appli
157	13.2	45.5	27	9	US-09-764-877-4	Sequence 4, Appli	Sequence 4, Appli	230	13.2	45.5	27	12	US-10-351-334-4	Sequence 4, Appli
158	13.2	45.5	27	9	US-09-764-873-4	Sequence 4, Appli	Sequence 4, Appli	231	13.2	45.5	27	12	US-10-610-917-20	Sequence 20, Appli
159	13.2	45.5	27	9	US-09-925-300-1884	Sequence 1884, Ap	Sequence 1884, Ap	232	13.2	45.5	27	12	US-10-610-917-26	Sequence 26, Appli
160	13.2	45.5	27	9	US-09-764-884-4	Sequence 4, Appli	Sequence 4, Appli	233	13.2	45.5	27	12	US-10-621-401-4	Sequence 4, Appli
161	13.2	45.5	27	9	US-09-981-876-4	Sequence 4, Appli	Sequence 4, Appli	234	13.2	45.5	27	12	US-09-973-278-4	Sequence 4, Appli

235	13.2	45.5	27	12	US-10-662-455-15	Sequence 15, Appl	308	13.2	45.5	27	14	US-10-054-988-4	Sequence 4, Appl
236	13.2	45.5	27	12	US-10-372-653-22	Sequence 22, Appl	309	13.2	45.5	27	14	US-10-212-793-17	Sequence 17, Appl
237	13.2	45.5	27	12	US-10-607-565-4	Sequence 4, Appl	310	13.2	45.5	27	14	US-10-212-793-23	Sequence 23, Appl
238	13.2	45.5	27	12	US-10-653-595-4	Sequence 4, Appl	311	13.2	45.5	27	14	US-10-074-045-4	Sequence 4, Appl
239	13.2	45.5	27	12	US-09-925-298-840	Sequence 840, App	312	13.2	45.5	27	14	US-10-153-770-16	Sequence 16, Appl
240	13.2	45.5	27	12	US-10-649-857-4	Sequence 4, Appl	313	13.2	45.5	27	14	US-10-153-770-22	Sequence 22, Appl
241	13.2	45.5	27	12	US-09-764-856-4	Sequence 4, Appl	314	13.2	45.5	27	14	US-10-115-528-4	Sequence 4, Appl
242	13.2	45.5	27	12	US-09-764-861-4	Sequence 4, Appl	315	13.2	45.5	27	14	US-10-023-282-4	Sequence 4, Appl
243	13.2	45.5	27	12	US-09-764-862-4	Sequence 4, Appl	316	13.2	45.5	27	14	US-10-073-885-4	Sequence 4, Appl
244	13.2	45.5	27	12	US-09-764-881-4	Sequence 4, Appl	317	13.2	45.5	27	14	US-10-062-548-4	Sequence 4, Appl
245	13.2	45.5	27	12	US-09-764-886-4	Sequence 4, Appl	318	13.2	45.5	27	14	US-10-067-800-13	Sequence 13, Appl
246	13.2	45.5	27	12	US-09-764-886-81	Sequence 81, Appl	319	13.2	45.5	27	14	US-10-067-800-19	Sequence 19, Appl
247	13.2	45.5	27	12	US-09-764-889-4	Sequence 4, Appl	320	13.2	45.5	27	14	US-10-050-882-4	Sequence 4, Appl
248	13.2	45.5	27	12	US-09-764-893-4	Sequence 4, Appl	321	13.2	45.5	27	14	US-10-062-831-4	Sequence 4, Appl
249	13.2	45.5	27	12	US-09-984-276-4	Sequence 4, Appl	322	13.2	45.5	27	14	US-10-205-428-4	Sequence 4, Appl
250	13.2	45.5	27	12	US-10-059-395-4	Sequence 4, Appl	323	13.2	45.5	27	14	US-10-106-698-4	Sequence 4, Appl
251	13.2	45.5	27	12	US-09-397-945-4	Sequence 4, Appl	324	13.2	45.5	27	14	US-10-283-105-20	Sequence 20, Appl
252	13.2	45.5	27	12	US-09-925-303-890	Sequence 890, App	325	13.2	45.5	27	14	US-10-283-105-26	Sequence 26, Appl
253	13.2	45.5	27	12	US-09-984-490-4	Sequence 4, Appl	326	13.2	45.5	27	14	US-10-055-098-4	Sequence 4, Appl
254	13.2	45.5	27	12	US-10-004-860-4	Sequence 4, Appl	327	13.2	45.5	27	14	US-10-153-604A-28	Sequence 28, Appl
255	13.2	45.5	27	12	US-10-115-123-4	Sequence 4, Appl	328	13.2	45.5	27	14	US-10-285-572-12	Sequence 12, Appl
256	13.2	45.5	27	12	US-10-058-993-4	Sequence 4, Appl	329	13.2	45.5	27	14	US-10-195-730-4	Sequence 4, Appl
257	13.2	45.5	27	12	US-10-091-414-4	Sequence 4, Appl	330	13.2	45.5	27	14	US-10-072-977-4	Sequence 4, Appl
258	13.2	45.5	27	12	US-10-164-861-4	Sequence 4, Appl	331	13.2	45.5	27	14	US-10-277-966-20	Sequence 20, Appl
259	13.2	45.5	27	12	US-10-372-876-4	Sequence 4, Appl	332	13.2	45.5	27	14	US-10-277-966-26	Sequence 26, Appl
260	13.2	45.5	27	12	US-10-358-228-19	Sequence 19, Appl	333	13.2	45.5	27	14	US-10-207-175-4	Sequence 4, Appl
261	13.2	45.5	27	12	US-10-358-228-25	Sequence 25, Appl	334	13.2	45.5	27	14	US-10-135-839-13	Sequence 13, Appl
262	13.2	45.5	27	12	US-10-632-983-4	Sequence 4, Appl	335	13.2	45.5	27	14	US-10-135-839-19	Sequence 19, Appl
263	13.2	45.5	27	12	US-10-464-469-7	Sequence 7, Appl	336	13.2	45.5	27	14	US-10-160-162-4	Sequence 4, Appl
264	13.2	45.5	27	12	US-10-411-120-99	Sequence 99, Appl	337	13.2	45.5	27	14	US-10-411-224-4	Sequence 4, Appl
265	13.2	45.5	27	13	US-10-153-064-28	Sequence 28, Appl	338	13.2	45.5	27	14	US-10-263-139-24	Sequence 24, Appl
266	13.2	45.5	27	13	US-10-057-951-19	Sequence 19, Appl	339	13.2	45.5	27	14	US-10-222-020-4	Sequence 4, Appl
267	13.2	45.5	27	13	US-10-042-141-4	Sequence 4, Appl	340	13.2	45.5	27	14	US-10-231-417-4	Sequence 4, Appl
268	13.2	45.5	27	13	US-10-078-059-7	Sequence 7, Appl	341	13.2	45.5	27	14	US-10-394-015-20	Sequence 20, Appl
269	13.2	45.5	27	14	US-10-125-451-24	Sequence 24, Appl	342	13.2	45.5	27	14	US-10-394-015-26	Sequence 26, Appl
270	13.2	45.5	27	14	US-10-062-523-7	Sequence 7, Appl	343	13.2	45.5	27	14	US-10-277-726A-19	Sequence 19, Appl
271	13.2	45.5	27	14	US-10-023-896-4	Sequence 4, Appl	344	13.2	45.5	27	14	US-10-277-726A-25	Sequence 25, Appl
272	13.2	45.5	27	14	US-10-079-900-4	Sequence 4, Appl	345	13.2	45.5	27	14	US-10-418-064-7	Sequence 7, Appl
273	13.2	45.5	27	14	US-10-091-526-4	Sequence 4, Appl	346	13.2	45.5	27	14	US-10-397-282-16	Sequence 16, Appl
274	13.2	45.5	27	14	US-10-012-542-4	Sequence 4, Appl	347	13.2	45.5	27	14	US-10-397-282-22	Sequence 22, Appl
275	13.2	45.5	27	14	US-10-073-865-4	Sequence 4, Appl	348	13.2	45.5	27	14	US-10-277-802-4	Sequence 4, Appl
276	13.2	45.5	27	14	US-10-073-973-4	Sequence 4, Appl	349	13.2	45.5	27	14	US-10-341-344-12	Sequence 12, Appl
277	13.2	45.5	27	14	US-10-080-110-4	Sequence 4, Appl	350	13.2	45.5	27	14	US-10-341-344-18	Sequence 18, Appl
278	13.2	45.5	27	14	US-10-091-483-4	Sequence 4, Appl	351	13.2	45.5	27	14	US-10-112-857-4	Sequence 4, Appl
279	13.2	45.5	27	14	US-10-092-256-4	Sequence 4, Appl	352	13.2	45.5	27	14	US-10-112-857-19	Sequence 19, Appl
280	13.2	45.5	27	14	US-10-091-548-4	Sequence 4, Appl	353	13.2	45.5	27	14	US-10-156-028-7	Sequence 7, Appl
281	13.2	45.5	27	14	US-10-050-704-4	Sequence 4, Appl	354	13.2	45.5	27	14	US-10-062-599-4	Sequence 4, Appl
282	13.2	45.5	27	14	US-10-054-976-7	Sequence 7, Appl	355	13.2	45.5	27	14	US-10-080-254-4	Sequence 4, Appl
283	13.2	45.5	27	14	US-10-079-854-4	Sequence 4, Appl	356	13.2	45.5	27	15	US-10-068-556-8	Sequence 8, Appl
284	13.2	45.5	27	14	US-10-091-572-4	Sequence 4, Appl	357	13.2	45.5	27	15	US-10-216-464-4	Sequence 4, Appl
285	13.2	45.5	27	14	US-10-092-154-4	Sequence 4, Appl	358	13.2	45.5	27	15	US-10-455-366-15	Sequence 15, Appl
286	13.2	45.5	27	14	US-10-102-627-4	Sequence 4, Appl	359	13.2	45.5	27	15	US-10-455-366-21	Sequence 21, Appl
287	13.2	45.5	27	14	US-10-116-016-4	Sequence 4, Appl	360	13.2	45.5	27	15	US-10-212-872-4	Sequence 4, Appl
288	13.2	45.5	27	14	US-10-072-349-4	Sequence 4, Appl	361	13.2	45.5	27	15	US-10-158-034-4	Sequence 4, Appl
289	13.2	45.5	27	14	US-10-102-806-840	Sequence 840, App	362	13.2	45.5	27	15	US-10-266-829-4	Sequence 4, Appl
290	13.2	45.5	27	14	US-10-097-063-4	Sequence 4, Appl	363	13.2	45.5	27	15	US-10-074-024-4	Sequence 4, Appl
291	13.2	45.5	27	14	US-10-125-540-4	Sequence 4, Appl	364	13.2	45.5	27	15	US-10-242-355-4	Sequence 4, Appl
292	13.2	45.5	27	14	US-10-125-540-541	Sequence 541, App	365	13.2	45.5	27	15	US-10-242-355-4	Sequence 4, Appl
293	13.2	45.5	27	14	US-10-125-540-542	Sequence 542, App	366	13.2	45.5	27	15	US-10-047-021-4	Sequence 4, Appl
294	13.2	45.5	27	14	US-10-091-504-4	Sequence 4, Appl	367	13.2	45.5	27	15	US-10-227-577-4	Sequence 4, Appl
295	13.2	45.5	27	14	US-10-091-458-4	Sequence 4, Appl	368	13.2	45.5	27	15	US-10-242-747-4	Sequence 4, Appl
296	13.2	45.5	27	14	US-10-144-929-4	Sequence 4, Appl	369	13.2	45.5	27	15	US-10-264-049-4	Sequence 4, Appl
297	13.2	45.5	27	14	US-10-143-090-4	Sequence 4, Appl	370	13.2	45.5	27	15	US-10-191-254-4	Sequence 4, Appl
298	13.2	45.5	27	14	US-10-073-961-4	Sequence 4, Appl	371	13.2	45.5	27	15	US-10-242-515-4	Sequence 4, Appl
299	13.2	45.5	27	14	US-10-091-438-4	Sequence 4, Appl	372	13.2	45.5	27	15	US-10-264-237-4	Sequence 4, Appl
300	13.2	45.5	27	14	US-10-091-438-233	Sequence 233, App	373	13.2	45.5	27	15	US-10-333-900-4	Sequence 4, Appl
301	13.2	45.5	27	14	US-10-091-438-234	Sequence 234, App	374	13.2	45.5	27	15	US-10-158-057-4	Sequence 4, Appl
302	13.2	45.5	27	14	US-10-074-095-4	Sequence 4, Appl	375	13.2	45.5	27	15	US-10-445-888A-7	Sequence 7, Appl
303	13.2	45.5	27	14	US-10-150-111-4	Sequence 4, Appl	376	13.2	45.5	27	15	US-10-144-929-4	Sequence 4, Appl
304	13.2	45.5	27	14	US-10-091-391-4	Sequence 4, Appl	377	13.2	45.5	27	16	US-10-373-809-4	Sequence 4, Appl
305	13.2	45.5	27	14	US-10-091-391-63	Sequence 63, Appl	378	13.2	45.5	27	16	US-10-443-622-4	Sequence 4, Appl
306	13.2	45.5	27	14	US-10-103-313-4	Sequence 4, Appl	379	13.2	45.5	27	16	US-10-621-363-4	Sequence 4, Appl
307	13.2	45.5	27	14	US-10-036-542-4	Sequence 4, Appl	380	13.2	45.5	29	14	US-10-336-638-781	Sequence 781, App

C 381	13.2	45.5	31	10	US-09-730-289B-3085	Sequence 3085, Ap	C 454	12.8	44.1	31	14	US-10-238-700-1539	Sequence 1539, Ap
C 382	13.2	45.5	31	10	US-09-740-332-7097	Sequence 7097, Ap	C 455	12.8	44.1	38	14	US-10-156-306-684	Sequence 684, Ap
C 383	13.2	45.5	31	10	US-09-817-879-7097	Sequence 7097, Ap	C 456	12.8	44.1	38	14	US-10-156-306-1152	Sequence 1152, Ap
C 384	13.2	45.5	31	12	US-09-937-046-4306	Sequence 4306, Ap	C 457	12.8	44.1	38	14	US-10-156-306-1224	Sequence 1224, Ap
C 385	13.2	45.5	31	12	US-09-927-046-4546	Sequence 4546, Ap	C 458	12.8	44.1	39	14	US-10-116-519-18	Sequence 18, Appl
C 386	13.2	45.5	37	15	US-10-349-143-2842	Sequence 2842, Ap	C 459	12.8	44.1	40	9	US-09-943-723-119	Sequence 119, Appl
C 387	13.2	45.5	60	10	US-09-908-975-8677	Sequence 8677, Ap	C 460	12.8	44.1	42	12	US-10-027-632-52812	Sequence 52812, A
C 388	13.2	45.5	60	10	US-09-908-975-13940	Sequence 13940, A	C 461	12.8	44.1	42	15	US-10-027-632-52812	Sequence 52812, A
C 389	13.2	45.5	60	10	US-09-908-975-15109	Sequence 15109, A	C 462	12.8	44.1	45	10	US-09-993-346-130	Sequence 130, App
C 390	13.2	45.5	65	10	US-09-908-975-571	Sequence 571, App	C 463	12.8	44.1	45	10	US-09-993-346-342	Sequence 342, App
C 391	13.2	45.5	65	10	US-09-908-975-2866	Sequence 2866, Ap	C 464	12.8	44.1	47	15	US-10-349-143-686	Sequence 686, App
C 392	13.2	45.5	65	10	US-09-908-975-29766	Sequence 29766, A	C 465	12.8	44.1	48	15	US-10-349-143-1097	Sequence 1097, Ap
C 393	13.2	45.5	65	14	US-10-032-585-3637	Sequence 3637, Ap	C 466	12.8	44.1	48	15	US-10-401-520-73	Sequence 73, Appl
C 394	13	44.8	24	9	US-09-981-356-6	Sequence 6, Appli	C 467	12.8	44.1	50	10	US-09-993-346-343	Sequence 343, App
C 395	13	44.8	25	10	US-09-940-185-4466	Sequence 4466, Ap	C 468	12.8	44.1	50	15	US-10-131-827-737	Sequence 737, App
C 396	13	44.8	25	14	US-10-098-263B-30439	Sequence 30439, A	C 469	12.8	44.1	54	14	US-10-235-175-27	Sequence 27, Appl
C 397	13	44.8	38	10	US-09-780-533A-4231	Sequence 4231, Ap	C 470	12.8	44.1	57	14	US-10-242-549-31	Sequence 31, Appl
C 398	13	44.8	50	15	US-10-131-827-5320	Sequence 5320, Ap	C 471	12.8	44.1	60	10	US-09-908-975-6411	Sequence 6411, Ap
C 399	13	44.8	50	15	US-10-131-827-7651	Sequence 7651, Ap	C 472	12.8	44.1	60	10	US-09-908-975-9611	Sequence 9611, Ap
C 400	13	44.8	51	15	US-10-215-272-53	Sequence 53, Appl	C 473	12.8	44.1	60	10	US-09-908-975-14125	Sequence 14125, A
C 401	13	44.8	54	10	US-09-900-345A-180	Sequence 180, App	C 474	12.8	44.1	60	10	US-09-908-975-14420	Sequence 14420, A
C 402	13	44.8	54	14	US-10-305-765-214	Sequence 214, App	C 475	12.8	44.1	60	10	US-09-908-975-14420	Sequence 14420, A
C 403	13	44.8	54	14	US-10-305-765-214	Sequence 214, App	C 476	12.8	44.1	60	10	US-09-908-975-16164	Sequence 16164, A
C 404	13	44.8	60	10	US-09-908-975-8896	Sequence 8896, Ap	C 477	12.8	44.1	60	10	US-09-908-975-17070	Sequence 17070, A
C 405	13	44.8	60	10	US-09-908-975-18316	Sequence 18316, A	C 478	12.8	44.1	60	10	US-09-908-975-19762	Sequence 19762, A
C 406	13	44.8	60	10	US-09-908-975-18435	Sequence 18435, A	C 479	12.8	44.1	65	10	US-09-908-975-1254	Sequence 1254, Ap
C 407	13	44.8	60	10	US-09-908-975-19571	Sequence 19571, A	C 480	12.8	44.1	65	10	US-09-908-975-35178	Sequence 35178, A
C 408	13	44.8	62	15	US-10-387-387-1	Sequence 1, Appli	C 481	12.8	44.1	65	10	US-09-908-975-37869	Sequence 37869, A
C 409	13	44.8	65	10	US-09-908-975-1897	Sequence 1897, Ap	C 482	12.8	44.1	65	10	US-09-908-975-28463	Sequence 28463, A
C 410	13	44.8	65	10	US-09-908-975-28136	Sequence 28136, A	C 483	12.8	44.1	65	14	US-10-033-585-99	Sequence 99, Appl
C 411	13	44.8	65	10	US-09-908-975-28217	Sequence 28217, A	C 484	12.8	44.1	65	14	US-10-033-585-583	Sequence 583, App
C 412	13	44.8	65	10	US-09-908-975-28394	Sequence 28394, A	C 485	12.8	44.1	65	14	US-10-032-585-1021	Sequence 1021, Ap
C 413	13	44.8	65	10	US-09-908-975-28394	Sequence 28394, A	C 486	12.8	44.1	65	14	US-10-032-585-1191	Sequence 1191, Ap
C 414	13	44.8	65	10	US-09-908-975-29506	Sequence 29506, A	C 487	12.8	44.1	65	14	US-10-032-585-2110	Sequence 2110, Ap
C 415	13	44.8	65	10	US-09-908-975-30287	Sequence 30287, A	C 488	12.8	44.1	65	14	US-10-032-585-2110	Sequence 2110, Ap
C 416	13	44.8	65	10	US-09-908-975-30297	Sequence 30297, A	C 489	12.8	44.1	68	8	US-08-781-986A-2762	Sequence 2762, Ap
C 417	13	44.8	65	14	US-10-032-585-210	Sequence 210, App	C 490	12.8	44.1	68	12	US-10-329-634-2762	Sequence 2762, Ap
C 418	13	44.8	65	14	US-10-032-585-433	Sequence 433, App	C 491	12.8	44.1	73	12	US-10-027-632-52276	Sequence 52276, A
C 419	13	44.8	65	14	US-10-032-585-2175	Sequence 2175, Ap	C 492	12.8	44.1	73	12	US-10-027-632-52276	Sequence 52276, A
C 420	13	44.8	67	10	US-09-907-111-319	Sequence 319, App	C 493	12.8	44.1	78	14	US-10-029-386-19975	Sequence 19975, A
C 421	13	44.8	76	10	US-09-535-459-536	Sequence 536, App	C 494	12.8	44.1	79	9	US-09-876-082-67	Sequence 67, Appl
C 422	13	44.8	77	9	US-09-738-968-9	Sequence 9, Appli	C 495	12.8	44.1	79	10	US-09-875-082-67	Sequence 67, Appl
C 423	13	44.8	77	9	US-09-738-968-10	Sequence 10, Appl	C 496	12.6	43.4	21	10	US-09-949-437-19	Sequence 19, Appl
C 424	13	44.8	78	9	US-09-158-120A-40	Sequence 40, Appl	C 497	12.6	43.4	21	12	US-09-949-437-19	Sequence 19, Appl
C 425	12.8	44.1	17	9	US-09-827-998-282	Sequence 282, App	C 498	12.6	43.4	24	10	US-09-940-185-1437	Sequence 1437, Ap
C 426	12.8	44.1	17	9	US-09-827-998-284	Sequence 284, App	C 499	12.6	43.4	24	10	US-09-940-185-1437	Sequence 1437, Ap
C 427	12.8	44.1	17	12	US-10-675-685-282	Sequence 282, App	C 500	12.6	43.4	25	14	US-10-215-112-12519	Sequence 12519, A
C 428	12.8	44.1	17	12	US-10-675-685-284	Sequence 284, App	C 501	12.6	43.4	25	14	US-10-215-112-12645	Sequence 12645, A
C 429	12.8	44.1	15	15	US-10-349-143-5466	Sequence 5466, Ap	C 502	12.6	43.4	26	14	US-10-098-263B-29784	Sequence 29784, A
C 430	12.8	44.1	24	9	US-09-250-611-23	Sequence 23, Appl	C 503	12.6	43.4	26	9	US-10-287-919-545	Sequence 545, App
C 431	12.8	44.1	25	9	US-09-868-108-3196	Sequence 3196, Ap	C 504	12.6	43.4	29	15	US-10-607-903-4	Sequence 4, Appli
C 432	12.8	44.1	25	9	US-09-868-108-3197	Sequence 3197, Ap	C 505	12.6	43.4	29	15	US-10-607-903-4	Sequence 4, Appli
C 433	12.8	44.1	25	9	US-09-827-998-1107	Sequence 1107, Ap	C 506	12.6	43.4	30	12	US-09-920-848-14	Sequence 14, Appl
C 434	12.8	44.1	25	9	US-09-872-462-286	Sequence 286, App	C 507	12.6	43.4	30	14	US-10-219-135-11	Sequence 11, Appl
C 435	12.8	44.1	25	9	US-09-872-462-288	Sequence 288, App	C 508	12.6	43.4	31	9	US-09-864-783-2176	Sequence 2176, Ap
C 436	12.8	44.1	25	10	US-09-730-289B-1406	Sequence 1406, Ap	C 509	12.6	43.4	31	10	US-09-877-478-5046	Sequence 5046, Ap
C 437	12.8	44.1	25	10	US-09-730-289B-1407	Sequence 1407, Ap	C 510	12.6	43.4	31	10	US-09-740-332-5074	Sequence 5074, Ap
C 438	12.8	44.1	25	10	US-09-730-289B-3320	Sequence 3320, Ap	C 511	12.6	43.4	31	10	US-09-740-332-7066	Sequence 7066, Ap
C 439	12.8	44.1	25	10	US-09-730-289B-3321	Sequence 3321, Ap	C 512	12.6	43.4	31	10	US-09-740-332-9172	Sequence 9172, Ap
C 440	12.8	44.1	25	12	US-10-675-685-1107	Sequence 1107, Ap	C 513	12.6	43.4	31	10	US-09-817-879-5074	Sequence 5074, Ap
C 441	12.8	44.1	25	14	US-10-060-830-1049	Sequence 1049, Ap	C 514	12.6	43.4	31	10	US-09-817-879-5074	Sequence 7066, Ap
C 442	12.8	44.1	25	14	US-10-060-830-1050	Sequence 1050, Ap	C 515	12.6	43.4	31	10	US-09-817-879-5074	Sequence 7066, Ap
C 443	12.8	44.1	25	14	US-10-098-263B-43888	Sequence 43888, A	C 516	12.6	43.4	31	12	US-09-817-879-9172	Sequence 9172, Ap
C 444	12.8	44.1	25	14	US-10-098-263B-45673	Sequence 45673, A	C 517	12.6	43.4	31	12	US-09-817-879-9172	Sequence 9172, Ap
C 445	12.8	44.1	25	14	US-10-098-263B-59721	Sequence 59721, A	C 518	12.6	43.4	31	14	US-10-238-700-3965	Sequence 3965, Ap
C 446	12.8	44.1	25	14	US-10-098-263B-60349	Sequence 60349, A	C 519	12.6	43.4	31	14	US-10-238-700-4023	Sequence 4023, Ap
C 447	12.8	44.1	25	14	US-10-098-263B-125825	Sequence 125825, A	C 520	12.6	43.4	33	13	US-10-238-700-4291	Sequence 4291, Ap
C 448	12.8	44.1	26	14	US-10-033-717-27	Sequence 27, Appl	C 521	12.6	43.4	34	15	US-10-113-877-152	Sequence 152, App
C 449	12.8	44.1	26	14	US-10-181-157-58	Sequence 58, Appl	C 522	12.6	43.4	34	15	US-10-400-487-2	Sequence 2, Appli
C 450	12.8	44.1	30	15	US-09-431-791-7	Sequence 7, Appli	C 523	12.6	43.4	47	15	US-10-349-143-96	Sequence 96, Appli
C 451	12.8	44.1	31	9	US-09-864-785-2464	Sequence 2464, Ap	C 524	12.6	43.4	48	14	US-10-219-195-23	Sequence 23, Appl
C 452	12.8	44.1	31	10	US-09-780-533A-5387	Sequence 5387, Ap	C 525	12.6	43.4	50	15	US-10-131-827-10	Sequence 10, Appl
C 453	12.8	44.1	31	10	US-09-848-734A-7188	Sequence 7188, Ap	C 526	12.6	43.4	50	15	US-10-131-827-1313	Sequence 1313, Ap

527	12.6	43.4	50	15	US-10-131-827-3151	Sequence 3151, Ap	600	12.4	42.8	51	15	US-10-403-337-35	Sequence 35, Appl
c 528	12.6	43.4	60	10	US-09-908-975-5044	Sequence 5044, Ap	601	12.4	42.8	51	15	US-10-351-890-35	Sequence 35, Appl
529	12.6	43.4	60	10	US-09-908-975-8420	Sequence 8420, Ap	c 602	12.4	42.8	56	15	US-10-403-337-34	Sequence 34, Appl
530	12.6	43.4	60	10	US-09-908-975-14470	Sequence 14470, A	c 603	12.4	42.8	56	15	US-10-351-890-34	Sequence 34, Appl
c 531	12.6	43.4	60	10	US-09-908-975-14519	Sequence 14519, A	c 604	12.4	42.8	60	10	US-09-908-975-11571	Sequence 11571, A
c 532	12.6	43.4	60	10	US-09-908-975-14918	Sequence 14918, A	c 605	12.4	42.8	60	10	US-09-908-975-12133	Sequence 12133, A
c 533	12.6	43.4	60	10	US-09-908-975-23059	Sequence 23059, A	c 606	12.4	42.8	60	10	US-09-908-975-14272	Sequence 14272, A
c 534	12.6	43.4	61	15	US-10-125-968-108	Sequence 108, Appl	c 607	12.4	42.8	60	10	US-09-908-975-16551	Sequence 16551, A
c 535	12.6	43.4	65	10	US-09-908-975-3035	Sequence 3035, Ap	c 608	12.4	42.8	64	10	US-09-934-489A-34	Sequence 34, Appl
c 536	12.6	43.4	65	10	US-09-908-975-4580	Sequence 4580, Ap	c 609	12.4	42.8	64	12	US-10-027-632-58365	Sequence 58365, A
c 537	12.6	43.4	65	14	US-10-032-585-370	Sequence 370, Appl	c 610	12.4	42.8	64	15	US-10-027-632-58365	Sequence 58365, A
c 538	12.6	43.4	65	14	US-10-032-585-2165	Sequence 2165, Appl	c 611	12.4	42.8	65	9	US-09-475-674-3	Sequence 3, Appl
c 539	12.6	43.4	65	14	US-10-032-585-2356	Sequence 2356, Ap	c 612	12.4	42.8	65	10	US-09-934-489A-35	Sequence 35, Appl
c 540	12.6	43.4	66	10	US-09-990-099-42	Sequence 42, Appl	c 613	12.4	42.8	65	10	US-09-908-975-732	Sequence 732, Appl
541	12.6	43.4	79	12	US-10-354-983-28	Sequence 28, Appl	c 614	12.4	42.8	65	10	US-09-908-975-4805	Sequence 4805, Ap
542	12.6	43.4	80	15	US-10-448-250-21	Sequence 21, Appl	c 615	12.4	42.8	65	10	US-09-908-975-4815	Sequence 4815, Ap
543	12.4	42.8	15	9	US-09-504-231A-1191	Sequence 1191, Ap	c 616	12.4	42.8	65	10	US-09-908-975-26822	Sequence 26822, A
544	12.4	42.8	15	9	US-09-274-553D-1191	Sequence 1191, Ap	c 617	12.4	42.8	65	10	US-09-908-975-26826	Sequence 26826, A
545	12.4	42.8	22	12	US-10-663-241-45	Sequence 45, Appl	c 618	12.4	42.8	65	14	US-10-080-713-3	Sequence 3, Appl
c 546	12.4	42.8	23	14	US-10-002-623-108	Sequence 108, Appl	c 619	12.4	42.8	65	14	US-10-032-585-374	Sequence 374, Appl
c 547	12.4	42.8	23	14	US-10-002-623-135	Sequence 135, Appl	c 620	12.4	42.8	65	14	US-10-032-585-583	Sequence 583, Appl
c 548	12.4	42.8	23	14	US-10-091-281-380	Sequence 380, Appl	c 621	12.4	42.8	65	14	US-10-032-585-2724	Sequence 2724, Ap
c 549	12.4	42.8	24	9	US-09-755-830-18	Sequence 18, Appl	c 622	12.4	42.8	65	14	US-10-032-585-3535	Sequence 3535, Ap
c 550	12.4	42.8	24	9	US-09-804-717A-31	Sequence 31, Appl	c 623	12.4	42.8	65	14	US-10-032-585-3546	Sequence 3546, Ap
c 551	12.4	42.8	24	12	US-09-804-717A-31	Sequence 31, Appl	c 624	12.4	42.8	69	14	US-10-106-698-3906	Sequence 3906, Ap
c 552	12.4	42.8	25	9	US-09-761-042A-2	Sequence 2, Appl	c 625	12.4	42.8	70	14	US-10-077-319-179	Sequence 179, Appl
c 553	12.4	42.8	25	9	US-09-872-462-289	Sequence 289, Appl	c 626	12.4	42.8	80	15	US-10-448-250-78	Sequence 78, Appl
c 554	12.4	42.8	25	9	US-09-872-462-290	Sequence 290, Appl	c 627	12.2	42.1	17	9	US-09-827-998-281	Sequence 281, Appl
c 555	12.4	42.8	25	14	US-10-098-263B-42204	Sequence 42204, A	c 628	12.2	42.1	17	12	US-10-675-685-281	Sequence 281, Appl
c 556	12.4	42.8	25	14	US-10-098-263B-5808	Sequence 5808, A	c 629	12.2	42.1	20	12	US-10-376-323-69	Sequence 69, Appl
c 557	12.4	42.8	25	14	US-10-098-263B-82394	Sequence 82394, A	c 630	12.2	42.1	20	12	US-10-301-789-1	Sequence 1, Appl
c 558	12.4	42.8	25	14	US-10-098-263B-94772	Sequence 94772, A	c 631	12.2	42.1	24	10	US-09-957-005-14	Sequence 14, Appl
c 559	12.4	42.8	25	14	US-10-098-263B-94998	Sequence 94998, A	c 632	12.2	42.1	25	9	US-09-827-998-1096	Sequence 1096, Ap
c 560	12.4	42.8	25	12	US-10-098-263B-123996	Sequence 123996, A	c 633	12.2	42.1	25	12	US-10-675-685-1096	Sequence 1096, Ap
c 561	12.4	42.8	27	12	US-10-146-356-6	Sequence 6, Appl	c 634	12.2	42.1	25	14	US-10-215-112-14069	Sequence 14069, A
c 562	12.4	42.8	29	9	US-09-863-040-49	Sequence 49, Appl	c 635	12.2	42.1	25	14	US-10-098-263B-8810	Sequence 8810, Ap
c 563	12.4	42.8	29	14	US-10-336-638-690	Sequence 690, Appl	c 636	12.2	42.1	25	14	US-10-098-263B-18902	Sequence 18902, A
c 564	12.4	42.8	29	15	US-10-454-210-49	Sequence 49, Appl	c 637	12.2	42.1	25	14	US-10-098-263B-31708	Sequence 31708, A
c 565	12.4	42.8	30	12	US-10-072-012-913	Sequence 913, Appl	c 638	12.2	42.1	25	14	US-10-098-263B-47338	Sequence 47338, A
c 566	12.4	42.8	30	12	US-10-072-012-923	Sequence 923, Appl	c 639	12.2	42.1	25	14	US-10-098-263B-65119	Sequence 65119, A
c 567	12.4	42.8	31	10	US-09-848-754A-7134	Sequence 7134, Ap	c 640	12.2	42.1	25	14	US-10-098-263B-77078	Sequence 77078, A
c 568	12.4	42.8	31	10	US-09-848-754A-7683	Sequence 7683, Ap	c 641	12.2	42.1	25	14	US-10-098-263B-82360	Sequence 82360, A
c 569	12.4	42.8	31	14	US-10-163-552-1614	Sequence 1614, Ap	c 642	12.2	42.1	25	14	US-10-098-263B-95641	Sequence 95641, A
c 570	12.4	42.8	31	14	US-10-238-700-2175	Sequence 2175, Ap	c 643	12.2	42.1	25	14	US-10-098-263B-96618	Sequence 96618, A
c 571	12.4	42.8	33	9	US-09-871-961-16	Sequence 16, Appl	c 644	12.2	42.1	25	14	US-10-098-263B-128071	Sequence 128071, A
c 572	12.4	42.8	33	9	US-09-871-961-17	Sequence 17, Appl	c 645	12.2	42.1	25	14	US-10-098-263B-128072	Sequence 128072, A
c 573	12.4	42.8	38	10	US-09-908-744-29	Sequence 29, Appl	c 646	12.2	42.1	25	14	US-10-267-922-6	Sequence 6, Appl
c 574	12.4	42.8	38	10	US-09-780-164-1389	Sequence 1389, Ap	c 647	12.2	42.1	27	9	US-09-823-936-33	Sequence 33, Appl
c 575	12.4	42.8	38	14	US-10-156-306-685	Sequence 685, Appl	c 648	12.2	42.1	27	12	US-10-128-510-10	Sequence 10, Appl
c 576	12.4	42.8	38	14	US-10-156-306-1153	Sequence 1153, Ap	c 649	12.2	42.1	27	13	US-10-133-142-10	Sequence 10, Appl
c 577	12.4	42.8	39	9	US-09-871-961-28	Sequence 28, Appl	c 650	12.2	42.1	27	14	US-10-134-493-10	Sequence 10, Appl
c 578	12.4	42.8	39	9	US-09-871-961-29	Sequence 29, Appl	c 651	12.2	42.1	27	14	US-10-061-216-10	Sequence 10, Appl
c 579	12.4	42.8	39	12	US-09-842-776A-33	Sequence 33, Appl	c 652	12.2	42.1	27	14	US-10-286-140-33	Sequence 33, Appl
c 580	12.4	42.8	39	14	US-10-132-101-1	Sequence 1, Appl	c 653	12.2	42.1	29	14	US-10-296-995-28	Sequence 28, Appl
c 581	12.4	42.8	39	15	US-10-292-896-78	Sequence 78, Appl	c 654	12.2	42.1	31	9	US-09-982-704-10	Sequence 10, Appl
c 582	12.4	42.8	39	15	US-10-310-734-1	Sequence 1, Appl	c 655	12.2	42.1	31	10	US-09-730-289B-3259	Sequence 3259, Ap
c 583	12.4	42.8	42	14	US-10-617-334-60	Sequence 60, Appl	c 656	12.2	42.1	31	10	US-09-780-533A-5410	Sequence 5410, Ap
c 584	12.4	42.8	42	14	US-10-097-111-5	Sequence 50, Appl	c 657	12.2	42.1	31	10	US-09-848-754A-6631	Sequence 6631, Ap
c 585	12.4	42.8	42	15	US-10-452-510-60	Sequence 60, Appl	c 658	12.2	42.1	31	10	US-09-776-474-2481	Sequence 2481, Ap
c 586	12.4	42.8	43	14	US-10-032-585-1688	Sequence 1688, Ap	c 659	12.2	42.1	31	10	US-09-792-818-1815	Sequence 1815, Ap
c 587	12.4	42.8	43	14	US-10-032-585-1876	Sequence 1876, Ap	c 660	12.2	42.1	31	10	US-10-163-552-1028	Sequence 1028, Ap
c 588	12.4	42.8	45	9	US-09-871-961-22	Sequence 22, Appl	c 661	12.2	42.1	31	14	US-10-163-552-1755	Sequence 1755, Ap
c 589	12.4	42.8	45	9	US-09-871-961-23	Sequence 23, Appl	c 662	12.2	42.1	31	14	US-10-163-552-1868	Sequence 1868, Ap
c 590	12.4	42.8	47	15	US-10-349-143-415	Sequence 415, Appl	c 663	12.2	42.1	31	14	US-10-156-306-3358	Sequence 3358, Ap
c 591	12.4	42.8	47	15	US-10-349-143-1135	Sequence 1135, Ap	c 664	12.2	42.1	31	14	US-10-156-306-3358	Sequence 3358, Ap
c 592	12.4	42.8	47	15	US-10-349-143-2347	Sequence 2347, Ap	c 665	12.2	42.1	31	14	US-10-238-700-1374	Sequence 1374, Ap
c 593	12.4	42.8	50	15	US-10-131-827-117	Sequence 117, Appl	c 666	12.2	42.1	31	14	US-10-238-700-1738	Sequence 1738, Ap
c 594	12.4	42.8	50	15	US-10-131-827-464	Sequence 464, Appl	c 667	12.2	42.1	31	14	US-10-238-700-3677	Sequence 3677, Ap
c 595	12.4	42.8	50	15	US-10-131-827-2246	Sequence 2246, Appl	c 668	12.2	42.1	31	14	US-10-238-700-4541	Sequence 4541, Ap
c 596	12.4	42.8	50	15	US-10-131-827-3662	Sequence 3662, Ap	c 669	12.2	42.1	31	14	US-10-230-006-1818	Sequence 1818, Ap
c 597	12.4	42.8	50	15	US-10-131-827-4571	Sequence 4571, Ap	c 670	12.2	42.1	35	10	US-09-866-077-1	Sequence 1, Appl
c 598	12.4	42.8	51	9	US-09-871-961-13	Sequence 13, Appl	c 671	12.2	42.1	36	9	US-09-760-574-51	Sequence 51, Appl
c 599	12.4	42.8	51	9	US-09-871-961-14	Sequence 14, Appl	c 672	12.2	42.1	36	10	US-09-766-442A-51	Sequence 51, Appl

673	12.2	42.1	36	14	US-10-010-160-39	Sequence 39, Appl	746	12	41.4	25	14	US-10-098-263B-6886	Sequence 6886, Ap
674	12.2	42.1	36	15	US-10-368-879-51	Sequence 51, Appl	747	12	41.4	25	14	US-10-098-263B-17366	Sequence 17366, A
675	12.2	42.1	37	12	US-10-190-394-2	Sequence 2, Appl	748	12	41.4	25	14	US-10-098-263B-51729	Sequence 51729, A
676	12.2	42.1	37	12	US-10-455-695-5	Sequence 5, Appl	749	12	41.4	25	14	US-10-098-263B-51730	Sequence 51730, A
677	12.2	42.1	38	9	US-09-915-182-4	Sequence 4, Appl	750	12	41.4	25	14	US-10-098-263B-51731	Sequence 51731, A
678	12.2	42.1	38	12	US-10-167-603C-18	Sequence 18, Appl	751	12	41.4	25	14	US-10-098-263B-71431	Sequence 71431, A
679	12.2	42.1	40	12	US-10-339-674-756	Sequence 756, App	752	12	41.4	25	14	US-10-098-263B-109070	Sequence 109070, A
680	12.2	42.1	41	14	US-10-005-956-933	Sequence 933, App	753	12	41.4	25	14	US-10-098-263B-112668	Sequence 112668, A
681	12.2	42.1	41	12	US-10-339-674-755	Sequence 755, App	754	12	41.4	25	14	US-10-098-263B-120916	Sequence 120916, A
682	12.2	42.1	44	12	US-10-339-674-754	Sequence 754, App	755	12	41.4	25	14	US-10-195-781A-11	Sequence 11, Appl
683	12.2	42.1	44	12	US-10-339-674-754	Sequence 754, App	756	12	41.4	29	14	US-10-336-638-344	Sequence 344, App
684	12.2	42.1	44	12	US-10-339-674-754	Sequence 754, App	757	12	41.4	31	9	US-09-864-785-2490	Sequence 2490, Ap
685	12.2	42.1	46	12	US-10-380-584-117	Sequence 117, App	758	12	41.4	31	9	US-09-864-785-2490	Sequence 2490, Ap
686	12.2	42.1	47	12	US-10-294-934-500	Sequence 500, App	759	12	41.4	31	10	US-09-877-478-4558	Sequence 4558, Ap
687	12.2	42.1	47	15	US-10-349-143-299	Sequence 299, App	760	12	41.4	31	10	US-09-740-332-8462	Sequence 8462, Ap
688	12.2	42.1	47	15	US-10-349-143-3619	Sequence 3619, Ap	761	12	41.4	31	10	US-09-817-879-8462	Sequence 8462, Ap
689	12.2	42.1	49	9	US-09-738-847-24	Sequence 24, Appl	762	12	41.4	31	12	US-09-927-046-4415	Sequence 4415, Ap
690	12.2	42.1	49	9	US-09-943-723-56	Sequence 56, Appl	763	12	41.4	31	12	US-09-927-046-4415	Sequence 4415, Ap
691	12.2	42.1	50	15	US-10-131-827-1054	Sequence 1054, Ap	764	12	41.4	31	14	US-10-287-919-800	Sequence 800, App
692	12.2	42.1	50	15	US-10-131-827-1820	Sequence 1820, Ap	765	12	41.4	31	14	US-10-163-552-1033	Sequence 1033, Ap
693	12.2	42.1	50	15	US-10-131-827-2888	Sequence 2888, Ap	766	12	41.4	31	14	US-10-163-552-1180	Sequence 1180, Ap
694	12.2	42.1	50	15	US-10-131-827-4861	Sequence 4861, Ap	767	12	41.4	31	14	US-10-163-552-1385	Sequence 1385, Ap
695	12.2	42.1	50	15	US-10-131-827-5015	Sequence 5015, Ap	768	12	41.4	31	14	US-10-156-306-3070	Sequence 3070, Ap
696	12.2	42.1	50	15	US-10-131-827-5594	Sequence 5594, Ap	769	12	41.4	31	14	US-10-238-700-4415	Sequence 4415, Ap
697	12.2	42.1	50	15	US-10-131-827-6677	Sequence 6677, Ap	770	12	41.4	31	14	US-10-238-700-4498	Sequence 4498, Ap
698	12.2	42.1	50	15	US-10-131-827-6984	Sequence 6984, Ap	771	12	41.4	31	14	US-10-391-413-17	Sequence 17, Appl
699	12.2	42.1	51	10	US-09-951-061A-16	Sequence 16, Appl	772	12	41.4	32	12	US-09-854-867-549	Sequence 549, App
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701	12.2	42.1	51	14	US-10-267-394-16	Sequence 16, Appl	774	12	41.4	33	14	US-10-421-112-10	Sequence 10, Appl
702	12.2	42.1	51	15	US-10-215-272-54	Sequence 54, Appl	775	12	41.4	34	9	US-09-923-109-4	Sequence 4, Appl
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; APPLICANT: Mathialagan, Nagappan
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Query Match      53.1%; Score 15.4; DB 9; Length 53;
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; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131065
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 37315
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-37315

Query Match      51.7%; Score 15; DB 14; Length 25;
Best Local Similarity 47.8%; Pred. No. 3.8e+03;
Matches 11; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

QY 3 UGAUUCUUUUUGAAGCCCUAGG 25
    |||:::|: |||: |||:
Db 3 TCACACATTTGTAGCCCTAGG 25

RESULT 6
US-10-032-585-694/c
; Sequence 694, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 694

Query Match      50.3%; Score 14.6; DB 14; Length 65;
Best Local Similarity 27.6%; Pred. No. 7.4e+03;
Matches 8; Conservative 12; Mismatches 9; Indels 0; Gaps 0;

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; LENGTH: 43
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-694

Query Match      51.0%; Score 14.8; DB 14; Length 43;
Best Local Similarity 38.9%; Pred. No. 5.4e+03;
Matches 7; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY 1 UAGAUUCUUUUUGUUAAG 18
    |||:::|: |||: |||:
Db 23 TATGAATCTTTTGTAG 6

RESULT 7
US-10-131-827-2022
; Sequence 2022, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUN
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2022
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-2022

Query Match      51.0%; Score 14.8; DB 15; Length 50;
Best Local Similarity 38.9%; Pred. No. 5.6e+03;
Matches 7; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY 2 AUGAUUCUUUUUGUAGC 19
    |||:::|: |||: |||:
Db 3 ATGATTATTTTCTAAGC 20

RESULT 8
US-10-032-585-2227/c
; Sequence 2227, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2227
; LENGTH: 65
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-2227

Query Match      50.3%; Score 14.6; DB 14; Length 65;
Best Local Similarity 27.6%; Pred. No. 7.4e+03;
Matches 8; Conservative 12; Mismatches 9; Indels 0; Gaps 0;

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QY 1 UAGAUCUUUUUUUUAAGCCCUAGGGGCU 29
DB 57 TATTITTTTTTTTGTAAAGACTAGAACCT 29

RESULT 9
US-10-005-956-212
; Sequence 212, Application US/10005956
; Publication No. US2003013726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/253,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 212
; LENGTH: 41
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-212

Query Match 49.7%; Score 14.4; DB 14; Length 41;
Best Local Similarity 50.0%; Pred. No. 8.2e+03;
Matches 12; Conservative 6; Mismatches 6; Indels 0; Gaps 0;

QY 3 UGAUCUUUUUUUUAAGCCCUAGGG 26
DB 2 TGACCCCTTTTGAAGTCCCAAGT 25

RESULT 10
US-09-827-998-1098/c
; Sequence 1098, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1098
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1098

Query Match 49.0%; Score 14.2; DB 9; Length 25;
Best Local Similarity 42.1%; Pred. No. 9e+03;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 7 UCUTUUUUUAAGCCCUAGG 25
DB 25 TCITTTTGTAGTCCCTAAG 7

RESULT 11
US-09-827-998-1099/c
; Sequence 1099, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1099
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1099

Query Match 49.0%; Score 14.2; DB 9; Length 25;
Best Local Similarity 42.1%; Pred. No. 9e+03;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 7 UCUTUUUUUAAGCCCUAGG 25
DB 23 TCITTTTGTAGTCCCTAAG 5

RESULT 13
US-09-827-998-1101/c
; Sequence 1101, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1101
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1101

Query Match
Best Local Similarity 49.0%; Score 14.2; DB 9; Length 25;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 7 UCUUUUGUAGCCCUAGG 25
Db 22 TCTTTTGTAGTCCCTAAG 4

RESULT 14
US-09-827-998-1102/c
; Sequence 1102, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1102
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1102

Query Match
Best Local Similarity 49.0%; Score 14.2; DB 9; Length 25;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 7 UCUUUUGUAGCCCUAGG 25
Db 21 TCTTTTGTAGTCCCTAAG 3

RESULT 15
US-09-827-998-1103/c
; Sequence 1103, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1103
; LENGTH: 25
; TYPE: DNA
US-10-675-685-1098

Query Match
Best Local Similarity 49.0%; Score 14.2; DB 12; Length 25;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 7 UCUUUUGUAGCCCUAGG 25
Db 19 TCTTTTGTAGTCCCTAAG 1

RESULT 17
US-10-675-685-1098/c
; Sequence 1098, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1098
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1098

Query Match
Best Local Similarity 49.0%; Score 14.2; DB 12; Length 25;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 7 UCUUUUGUAGCCCUAGG 25
Db 19 TCTTTTGTAGTCCCTAAG 1
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```
Db      25 TCCTTTGTAGTCCCTAAG 7
RESULT 18
US-10-675-685-1099/c
; Sequence 1099, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1099
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1099
Query Match      49.0%; Score 14.2; DB 12; Length 25;
Best Local Similarity 42.1%; Pred. No. 9e+03;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

Qy      7 UCUUUUUGAAGCCCUAGG 25
Db      24 TCCTTTGTAGTCCCTAAG 6
RESULT 19
US-10-675-685-1100/c
; Sequence 1100, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1100
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1100
Query Match      49.0%; Score 14.2; DB 12; Length 25;
Best Local Similarity 42.1%; Pred. No. 9e+03;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

Qy      7 UCUUUUUGAAGCCCUAGG 25
Db      21 TCCTTTGTAGTCCCTAAG 3
RESULT 20
US-10-675-685-1101/c
; Sequence 1101, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1101
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1101
Query Match      49.0%; Score 14.2; DB 12; Length 25;
Best Local Similarity 42.1%; Pred. No. 9e+03;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

Qy      7 UCUUUUUGAAGCCCUAGG 25
Db      22 TCCTTTGTAGTCCCTAAG 4
RESULT 21
US-10-675-685-1102/c
; Sequence 1102, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1102
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1102
Query Match      49.0%; Score 14.2; DB 12; Length 25;
Best Local Similarity 42.1%; Pred. No. 9e+03;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

Qy      7 UCUUUUUGAAGCCCUAGG 25
Db      21 TCCTTTGTAGTCCCTAAG 3
RESULT 22
US-10-675-685-1103/c
; Sequence 1103, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1103
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1103
```

; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1103
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1103

Query Match 49.0%; Score 14.2; DB 12; Length 25;
Best Local Similarity 42.1%; Pred. No. 9e+03;
Matches 8; Conservative 3; Indels 0; Gaps 0;

QY 7 UCUUUUUAAGCCCUAGG 25
DB 20 TCTTTTGTAGTCCCTAAG 2

RESULT 23
US-10-675-685-1104/c
; Sequence 1104, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1104
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1104

Query Match 49.0%; Score 14.2; DB 12; Length 25;
Best Local Similarity 42.1%; Pred. No. 9e+03;
Matches 8; Conservative 3; Indels 0; Gaps 0;

QY 7 UCUUUUUAAGCCCUAGG 25
DB 19 TCTTTTGTAGTCCCTAAG 1

RESULT 24
US-10-339-674-788
; Sequence 788, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 788
; LENGTH: 38
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (780495)...(780532)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1028
US-10-339-674-788

Query Match 49.0%; Score 14.2; DB 12; Length 38;
Best Local Similarity 51.9%; Pred. No. 1e+04;
Matches 14; Conservative 5; Mismatches 8; Indels 0; Gaps 0;

QY 2 AUGAUUUUUUUAAGCCCUAGGGGC 28
DB 6 ATGACTCGCTTCGCTCGCCCTACGGGC 32

RESULT 25
US-10-402-365-49
; Sequence 49, Application US/10402365
; Publication No. US20030229913A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS DEUTSCHLAND GMBH
; TITLE OF INVENTION: Identification of the FLT1 Gene Required for Angiogenesis in Zebrafish, and Uses Thereof
; FILE REFERENCE: AR03-003C
; CURRENT APPLICATION NUMBER: US/10/402,365
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/368,616
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Synthetic
US-10-402-365-49

Query Match 49.0%; Score 14.2; DB 15; Length 50;
Best Local Similarity 40.7%; Pred. No. 1.1e+04;
Matches 11; Conservative 8; Mismatches 8; Indels 0; Gaps 0;

QY 2 AUGAUUUUUUUAAGCCCUAGGGGC 28
DB 3 ATTATTCTCTTCTCTCTCCCGAGTGC 29

RESULT 26
US-10-339-674-784/c
; Sequence 784, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 784
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (780188)...(780239)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1015
US-10-339-674-784

Query Match 49.0%; Score 14.2; DB 12; Length 51;
Best Local Similarity 51.9%; Pred. No. 1.1e+04;
Matches 14; Conservative 5; Mismatches 8; Indels 0; Gaps 0;

QY 2 AUGAUUUUUUUAAGCCCUAGGGGC 28
DB 35 ATGACTCGCTTCGCTCGCCCTACGGGC 9

RESULT 27
US-10-339-674-787/c
; Sequence 787, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.

FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/339,674
CURRENT FILING DATE: 2003-06-06
NUMBER OF SEQ ID NOS: 3537
SOFTWARE: Proprietary
SEQ ID NO 787
LENGTH: 53
TYPE: DNA
ORGANISM: Escherichia coli K-12 MG1655 complete genome.
FEATURE:
LOCATION: (780493)...(780545)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1025
US-10-339-674-787

Query Match 49.0%; Score 14.2; DB 12; Length 53;
Best Local Similarity 51.9%; Pred. No. 1.1e+04;
Matches 14; Conservative 5; Mismatches 8; Indels 0; Gaps 0;

Qy 2 AUGAUCUUUUUGUAGCCCUAGGGGC 28
Db 35 ATGACTCGCTCGCTCGCCCTACGGGC 9

RESULT 28

US-10-339-674-783
Sequence 783, Application US/10339674
Publication No. US20030204318A1
GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/339,674
CURRENT FILING DATE: 2003-06-06
NUMBER OF SEQ ID NOS: 3537
SOFTWARE: Proprietary
SEQ ID NO 783
LENGTH: 55
TYPE: DNA
ORGANISM: Escherichia coli K-12 MG1655 complete genome.
FEATURE:
LOCATION: (780188)...(780243)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1020
US-10-339-674-783

Query Match 49.0%; Score 14.2; DB 12; Length 55;
Best Local Similarity 51.9%; Pred. No. 1.1e+04;
Matches 14; Conservative 5; Mismatches 8; Indels 0; Gaps 0;

Qy 2 AUGAUCUUUUUGUAGCCCUAGGGGC 28
Db 21 ATGACTCGCTCGCTCGCCCTACGGGC 47

RESULT 29

US-09-800-130A-8/c
Sequence 8, Application US/09800130A
Publication No. US20030188346A1
GENERAL INFORMATION:

APPLICANT: Bearson, Scott
APPLICANT: Heck, Gregory
TITLE OF INVENTION: Methods for Making Plants Tolerant to Glyphosate and Compositions
FILE REFERENCE: 60/188,093
CURRENT APPLICATION NUMBER: US/09/800,130A
CURRENT FILING DATE: 2001-03-06
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8
LENGTH: 56
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: 5'UTR

LOCATION: (1)..(56)
OTHER INFORMATION: fully synthetic DNA leader sequence
US-09-800-130A-8

Query Match 49.0%; Score 14.2; DB 10; Length 56;
Best Local Similarity 40.7%; Pred. No. 1.1e+04;
Matches 11; Conservative 8; Mismatches 8; Indels 0; Gaps 0;

Qy 3 UGAUUCUUUUUGUAGCCCUAGGGGC 29
Db 29 TGCTTAATTAATTAAGCCCTAGGAGAT 3

RESULT 30

US-10-413-909-8/c
Sequence 8, Application US/10413909
Publication No. US20030192072A1
GENERAL INFORMATION:

APPLICANT: Bearson, Scott
APPLICANT: Heck, Gregory
APPLICANT: Rodriguez, Damian
TITLE OF INVENTION: Methods for Making Plants Tolerant to Glyphosate and Composition
FILE REFERENCE: 11898.0019.00DVUS01 (MORS019--1)
CURRENT APPLICATION NUMBER: US/10/413,909
CURRENT FILING DATE: 2003-04-15
PRIOR APPLICATION NUMBER: 60/188,093
PRIOR FILING DATE: 2000-03-09
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.2
SEQ ID NO 8
LENGTH: 56
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: fully synthetic DNA leader sequence
NAME/KEY: 5'UTR
LOCATION: (1)..(56)
OTHER INFORMATION: fully synthetic DNA leader sequence
US-10-413-909-8

Query Match 49.0%; Score 14.2; DB 14; Length 56;
Best Local Similarity 40.7%; Pred. No. 1.1e+04;
Matches 11; Conservative 8; Mismatches 8; Indels 0; Gaps 0;

Qy 3 UGAUUCUUUUUGUAGCCCUAGGGGC 29
Db 29 TGCTTAATTAATTAAGCCCTAGGAGAT 3

RESULT 31

US-09-908-975-13840
Sequence 13840, Application US/09908975
Publication No. US20030165843A1
GENERAL INFORMATION:

APPLICANT: SHOSHAN, Avi
APPLICANT: WASSERMAN, Alon
APPLICANT: MINTZ, Eli
APPLICANT: MINTZ, Liat
TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
FILE REFERENCE: 36688-0005
CURRENT APPLICATION NUMBER: US/09/908,975
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 60/287,724
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: US 60/221,607
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 32337
SOFTWARE: PatentIn version 3.0
SEQ ID NO 13840


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; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 283
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-283

Query Match      47.6%; Score 13.8; DB 9; Length 17;
Best Local Similarity 41.2%; Pred. No. 1.3e+04;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 7 UCUUUUUGUAGCCCUA 23
Db 17 TCTTTTGTAGTCCCTA 1

RESULT 36
US-10-675-685-283/c
; Sequence 283, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PEO114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 283
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-283

Query Match      47.6%; Score 13.8; DB 12; Length 17;
Best Local Similarity 41.2%; Pred. No. 1.3e+04;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 7 UCUUUUUGUAGCCCUA 23
Db 17 TCTTTTGTAGTCCCTA 1

RESULT 37
US-09-827-998-1105/c
; Sequence 1105, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1105
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1105

Query Match      47.6%; Score 13.8; DB 9; Length 25;
Best Local Similarity 41.2%; Pred. No. 1.4e+04;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 7 UCUUUUUGUAGCCCUA 23
Db 18 TCTTTTGTAGTCCCTA 2

RESULT 38
US-09-827-998-1106/c
; Sequence 1106, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1106
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1106

Query Match      47.6%; Score 13.8; DB 9; Length 25;
Best Local Similarity 41.2%; Pred. No. 1.4e+04;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 7 UCUUUUUGUAGCCCUA 23
Db 17 TCTTTTGTAGTCCCTA 1

RESULT 39
US-09-872-462-287/c
; Sequence 287, Application US/09872462
; Patent No. US20020169295A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Corrigan, Amy
; TITLE OF INVENTION: HUMAN NEDD1
; FILE REFERENCE: ACOMICA-9
; CURRENT APPLICATION NUMBER: US/09/872,462
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
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; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 287
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-872-462-287

Query Match      47.6%; Score 13.8; DB 9; Length 25;
Best Local Similarity 40.0%; Pred. No. 1.4e+04;
Matches 10; Conservative 8; Mismatches 7; Indels 0; Gaps 0;

Qy      2 AUGAUCUUUUUGUAGCCCUAGG 26
Db      25 ATGATTCTTTTATCCAAAGCCTATGG 1

RESULT 40
US-10-675-685-1105/c
; Sequence 1105, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: P0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1105
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1105

Query Match      47.6%; Score 13.8; DB 12; Length 25
Best Local Similarity 41.2%; Pred. No. 1.4e+04;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

Qy      7 UCUUUUUGUAGCCCUA 23
Db      18 TCTTTTGTAGTCCTA 2

Search completed: April 18, 2004, 11:55:26
Job time : 169.667 secs
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